

02-21-06

IFW

2132 #

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Edwin A. Suominen Art Unit: : 2132
Serial No. : 10/092,943 Examiner: : Peeso, T.
Filing Date : March 5, 2002
Title : Encryption and Authentication Systems and Methods

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR 1.10: I hereby certify that I am depositing this correspondence - and those papers referred to herein as being included - today, February 16, 2006, in an EXPRESS MAIL package having the label number written below.

By: Edwin A. Suominen
Name

[Signature]
Signature

EQ 294323643 US
Express Mail Label No.

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant submits the enclosed Form PTO-1449 and required copies of references. Also enclosed is a Form PTO-2038 authorizing credit card payment of \$180 to cover the fee for submission of an Information Disclosure Statement after a first office action on the merits.

Although applicant's submission of February 3, 2006 was fully responsive to all issues raised in the Office Action dated August 3, 2005, applicant would like to note a typographical error in remarks concerning the substitute specification submitted therewith. The first paragraph of the remarks (p. 4) refers to "all original material of the substitute specification [being] underlined followed by all material of the specification as originally filed" (emphasis added). The new material of the substitute specification is of course what is underlined, with the "original" material enclosed in the paired double brackets.

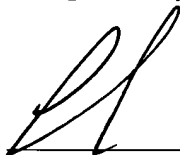
02/24/2006 SHASSEN1 00000166 10092943

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Reconsideration of the claim's allowability in view of applicant's previously filed remarks and the presently submitted references is respectfully requested. Please feel free to call the undersigned (who is also the applicant) if it would in any way advance prosecution of this application.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'Edwin A. Suominen', written over a horizontal line.

Edwin A. Suominen
Reg. No. 43,174

Dated: February 16, 2006

14614 North Kierland Boulevard
Suite 300
Scottsdale, AZ 85254
(480) 948-3295



Form PTO 1449 (Modified)

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List of Patents and Publications for
Applicant's Information Disclosure
Statement

Serial No. : 10/092,943
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U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Pub. Date	Name	U.S. Class	Sub- class	§ 102(e) Date*
* Provided only for patents issued and applications published less than one year before applicant's earliest claimed filing date. Based on earliest of filing date, U.S. parent, or U.S. provisional as indicated on cover page. May not be actual 35 U.S.C. § 102(e) date.						
A	US2005/0132194	06/05	Ward	713	176	12/03
B	US2005/0125656	06/05	Mallal et al.	713	156	06/03
C	US2005/0038756	02/05	Nagel	705	76	05/00
D	US2005/0038754	02/05	Geist et al.	705	64	07/03
E	US2004/0181756	09/04	Berringer et al.	715	530	06/00
F	US2003/0233546	12/03	Blom	713	168	06/02
G	US2003/0123699	07/03	Wakao et al.	382	100	12/02
H	US2003/0105963	06/03	Slick et al.	713	171	06/03
I	US2003/0063744	04/03	Parry	380	51	09/01
J	6,904,524	06/05	Jaeger; Jr. et al.	713	176	12/99
K	6,820,815	11/04	Meunier et al.	235	487	08/00
L	6,796,489	09/04	Slater et al.	235	379	06/00
M	6,779,178	08/04	Lloyd et al.	717	174	03/97
N	6,757,827	06/04	Geist	713	176	04/99
O	6,757,826	06/04	Paltenghe	713	170	04/98
P	6,600,823	07/03	Hayosh	380	51	10/96
Q	6,499,665	12/02	Meunier et al.	235	487	08/00
R	6,385,655	05/02	Smith et al.	709	232	10/96
S	6,363,362	03/02	Burfield et al.	705	40	04/99
T	6,185,683	02/01	Ginter et al.	713	176	02/95
U	6,131,162	10/00	Yoshiura et al.	713	176	06/98
V	6,092,201	07/00	Turnbull et al.	713	201	10/97
W	6,091,835	07/00	Smithies et al.	382	115	08/94
X	6,085,322	07/00	Romney et al.	713	176	10/97
Y	6,072,871	06/00	Ur	380	51	10/94
Z	6,041,704	03/00	Pauschinger	101	91	12/97
AA	6,039,248	03/00	Park et al.	235	379	01/98
AB	6,021,202	02/00	Anderson et al.	380	25	
AC	6,011,847	01/00	Follendore, III	380	4	
AD	5,999,626	12/99	Mullin et al.	380	25	
AE	5,987,133	11/99	Aisaka	380	25	
AF	5,974,150	10/99	Kaish et al.	380	25	

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.

Form PTO-1449 (Modified)

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AG	5,963,646	10/99	Fielder et al.	380	21	
AH	5,953,419	09/99	Lohstroh et al.	380	21	
AI	5,949,882	09/99	Angelo	380	25	
AJ	5,936,149	08/99	Fischer	73	1.43	
AK	5,926,551	07/99	Dwork et al.	380	51	
AL	5,926,550	07/99	Davis	380	25	
AM	5,920,628	07/99	Indeck et al.	380	23	
AN	5,915,024	06/99	Kitaori et al.	380	25	
AO	5,912,974	06/99	Holloway et al.	380	51	
AP	5,861,619	01/99	Horino et al.	235	470	
AQ	5,850,448	12/98	Ganesan	380	25	
AR	5,825,005	10/98	Behnke	235	380	
AS	5,799,088	08/98	Raike	380	30	
AT	5,781,629	07/98	Haber et al.	380	23	
AU	5,768,384	06/98	Berson	380	23	
AV	5,761,686	06/98	Bloomberg	707	529	
AW	5,748,738	05/98	Bisbee et al.	380	25	
AX	5,727,062	03/98	Ritter	380	37	
AY	5,646,992	07/97	Subler et al.	380	4	
AZ	5,638,446	10/97	Rubin	380	25	
BA	5,613,001	03/97	Bakhoun	380	4	
BB	5,544,045	08/96	Garland et al.	364	419.03	
BC	5,533,123	07/96	Force et al.	380	4	
BD	5,509,071	04/96	Petrie, Jr. et al.	380	4	
BE	5,502,764	03/96	Naccache	380	23	
BF	5,499,294	03/96	Friedman	380	10	
BG	5,448,641	09/95	Pintsov et al.	380	51	
BH	5,365,586	11/94	Indeck et al.	380	3	
BI	5,291,243	03/94	Heckman et al.	355	201	
BJ	5,214,702	05/93	Fischer	380	30	
BK	5,157,726	10/92	Merkle et al.	380	23	
BL	5,136,647	08/92	Haber et al.	380	49	

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	BM 5,031,214	07/91	Dziewit et al	380	23	
	BN 4,641,346	02/87	Clark et al.	380	3	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Pub. Date	Name	Int'l Class	Sub- class	Translation*
* If document not in English. Translations are not separately cited.						
	BO JP 2000224407 A	08/00	Yoichi	H04N	1/387	Abstract only
	BP EP 0 880 254 A2	11/98	Sun Microsystems Inc.	H04L	29/06	-
	BQ WO 01/35253	05/01	Toscano	G06F	17/00	-
	BR WO 98/17029	04/98	Telia AB	H04L	9/32	-

OTHER ART

Examiner Initials	Author(s). Article title ("in..." journal or book title), document source, pertinent pages	Publication Date*
* As known or guessed based on document's copyright, notations, volume in which published, list of citations, printout date, etc. Only the year is listed for documents published more than one year before applicant's earliest claimed filing date, or where the month of publication is not readily apparent.		
BS	"CryptoEx Office; Signature for Electronic Documents," Web page printout from http://www.cryptoex.com/cryptoexv3/office.aspx?lang=en .	-
BT	"Electronic Digital Signature as a Tool of Authentication of an Electronic Contract," Web page printout from http://www.kentlaw.edu/classes/rwarner/D&A/electronic_dig_signature.htm .	2002
BU	"Electronic Signatures in Global and National Commerce Act," S. 761.	2000, Jan.
BV	"Lab Notebook Documentation," message thread from patent-I email list.	1998
BW	"The Global Internet Trust Register," Web page printout from http://www.cl.cam.ac.uk/Research/Security/Trust-Register/index.html .	1999
BX	Accountis PLC. "Converter - Print and create secure PDF files," Web page printout from http://www.accountis.com/accountis/ebprinter.html .	2005

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* As known or guessed based on document's copyright, notations, volume in which published, list of citations, printout date, etc. Only the year is listed for documents published more than one year before applicant's earliest claimed filing date, or where the month of publication is not readily apparent.		
BY	Accountis PLC. "EIPP - Frequently Asked Questions," Web page printout from http://www.accountis.com/accountis/articleeippfaq.html .	2004
BZ	Aloaha Software, Inc. "Digitally Sign your PDF files with the Aloaha PDF Suite," Web page printout from http://www.aloaha.com/wi-software-en/sign-pdf.php .	-
CA	Aloaha Software, Inc. "Print to PDF from any application," Web page printout from http://www.aloaha.com/wi-software-en/print-to-pdf-from-any-application-.php .	-
CB	American Bar Association. "Digital Signature Guidelines Tutorial," Web page printout from http://www.abanet.org/scitech/ec/isc/dsg-tutorial.html .	2000, Jun.
CC	American Bar Association. "Digital Signature Guidelines."	1996
CD	Anderson, R. et al. (eds.) "The Global Trust Register," pp. 1-15 of 99.	1998
CE	CSC Group, The. "Electronic Signature Capture," from www.csc-groupinfo.com .	2003, Apr.
CF	Droste, S. "New Results on Visual Cryptology," in <i>Advances in Cryptology - CRYPTO '96</i> , pp. 401-415.	1996
CG	Even, S. et.al. "A Randomized Protocol For Signing Contracts," in <i>Advances in Cryptology: Proceedings of Crypto '82</i> , pp. 205-210.	1982
CH	Froomkin, A. "The Essential Role of Trusted Third Parties in Electronic Commerce," Web page printout from http://www.law.miami.edu/froomkin/articles/trustedno.htm .	1996
CI	Glück & Kanja Technology AG. "CryptoEx Security Software," from www.cryptoex.com .	-
CJ	Gutmann, P. "PKI: It's Not Dead, Just Resting" in <i>Computer</i> , vol. 35, issue 8, pp. 41-49.	2002, Aug.
CK	Holt, T. "Are Electronic Contracts and Digital Signatures Safe for Business?" in <i>American Business Perspectives</i> .	2000, May/Jun.
CL	Kaliski, B. "An Overview of the PKCS Standards."	1993
CM	Kazak, B. "RE: How Secure its Pegwit?," posting on Usenet group alt.security.pgp.sci.crypt .	2000, Jul.
CN	Kennedy, J. "RE: Confused about Encryption," posting on Usenet group alt.security.pgp .	1999
CO	Levi, A., Caglayan, M., "An Efficient, Dynamic and Trust Preserving Public Key Infrastructure," in <i>2000 IEEE Symposium on Security and Privacy</i> , pp. 207-214.	2000, May

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* As known or guessed based on document's copyright, notations, volume in which published, list of citations, printout date, etc. Only the year is listed for documents published more than one year before applicant's earliest claimed filing date, or where the month of publication is not readily apparent.		
CP	Matyas, S. "Public Key Registration," in <i>Advances in Cryptology - CRYPTO '86</i> , pp. 451-458.	1986
CQ	Naor, M. and Pinkas, B. "Visual Authentication and Identification," in <i>Advances in Cryptology - CRYPTO '97</i> , pp. 322-337.	1997
CR	Pederson, T. "A Threshold Cryptosystem without a Trusted Party," in <i>Advances in Cryptology - EUROCRYPT '91</i> , pp. 522-526.	1991
CS	Pfitzmann, B. "Digital Signature Schemes: General Framework and Fail-Stop Signatures."	1996
CT	Pfitzmann, B. <i>Digital Signature Schemes</i> , p. 5.	1996
CU	Reinhold, A. "RE: 65-Bit Passphrase Entropy Enough?," posting to Usenet groups comp.security.pgp , alt.security.pgp , and comp.security.pgp.tech .	2000, Jun.
CV	Ross, D. "Signed Web Page," posting to Usenet group comp.security.pgp.discuss .	2000
CW	RSA Data Security Inc. "PKCS #7 Cryptographic Message Syntax Standard," in <i>RSA Data Security, Inc. Public Key Cryptography Standards</i> .	1993
CX	Schneier, B. "Security Pitfalls in Cryptography," from http://www.schneier.com/essay-028.pdf .	1998
CY	Simmons, G. "An Impersonation-Proof Identity Verification Scheme," in <i>Advances in Cryptology-CRYPTO '87</i> , pp. 211-215.	1987
CZ	Smedinghoff, T. "Electronic Contracts and Digital Signatures" in <i>Journal of Equipment Lease Financing</i> .	1998
DA	VeriSign, Inc. "Protect your Digital ID; Protect your Private Key," Web page printout from http://www.verisign.com/repository/PrivateKey_FAQ .	1998
DB	Wamsley, F. "RE: 65-Bit Passphrase Entropy Enough?," printout of email to ed@eepatents.com .	2000
DC	Wooding, M. "Re: Passphrase Equivalent Key Strength," posting to Usenet groups comp.security.pgp.tech , alt.security.pgp .	2000, Jun.
DD	Wrocklage Intermedia GmbH. <i>Aloaha PDF Suite Manual</i> .	2003
DE	Zhou, J., Gollmann D., "Observations on Non-repudiation," in <i>Advances in Cryptology - ASIACRYPT '96</i> , pp. 133-144.	1996

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